

SIMPLE IRRIGATION RULES FOR USE OF VALLEY PEOPLE

Reclamation Service Posts Rules as Drawn by Utah Irrigators, With Few Changes to Fit Local Situation

Irrigation rules simplified are being posted up around the reclamation offices in a manner not to be overlooked by any farmer who chances to make a visit to headquarters. Printed on "three sheet" poster size paper by the Utah Water Users' association, these suggestions form a compendium of good economical irrigation farming.

For the benefit of the many rural readers of The Republican, the project manager has had the rules transcribed. They read:

Irrigation Rules

1. Store the Rainfall in the Soil—Deep, thorough plowing enables the soil to absorb and retain most of the rain water. The more rainfall is stored in the soil the less irrigation water will be needed.
2. Use the Spring and Fall Water—Where the winters are dry, fall irrigation or early spring irrigation will reduce the irrigation water needed during the growing season.
3. Cultivate Frequently and Thoroughly—Water is easily lost from the soils by evaporation. Stirring the top soil reduces this evaporation. The soil should be thoroughly cultivated early in the spring, as soon as possible after irrigation, and usually once or more between irrigations. Thorough cultivation will reduce the water needed in irrigation.
4. Keep the Soil Fertile—The more fertile a soil is, the less water is needed to produce a pound or ton of the crop. Plow deeply, cultivate thoroughly, use barnyard manure, and less irrigation water will be needed.
5. Plant in Well Moistened Soil—

Well-moistened soil at planting time permits better root development, and delays the time of the first irrigation, and thus saves irrigation water during the summer. If rains do not moisten soils sufficiently for planting, irrigate in fall, or in early spring, before planting.

6. Don't Irrigate Too Early—By postponing as long as possible the first irrigation after planting, a better root development is secured and less irrigation water is needed to produce the crop.

7. Irrigate by the Correct Method—Where water is plentiful, the flooding method may be used; where water is scarce, the furrow method only should be employed. Lead the waste water from the furrows to other fields.

8. Irrigate at the Proper Time—Withhold water until the crop is in real need. When irrigating, apply enough water to supply the crop for at least ten days. Irrigate thoroughly, when potatoes are in bloom; corn in tassels or silk; lucern just beginning to bud, and grains forming seed.

9. Use Water in Moderation—The acre yield of a crop increases as more water is used, up to a certain limit, beyond which more water causes a decrease in the yield.

10. Spread the Water Over Larger Areas—The yield of crop per unit of water always becomes smaller as more water is added. The less water is used for irrigation, the more crop is obtained for the water used. Where land is plentiful and water scarce it is more important to get a large crop for each acre-foot of water than for each acre of land.

11. Kill the Weeds—Weeds use as much water as do many profitable crops. It costs usually 2000 pounds of water to produce one pound of weeds. Killing the weeds will leave more water for our crops.

12. Repair the Leaky Ditches—Tremendous quantities of water seep from most of our canals and ditches. Stop the leaks! It will often pay to cement the whole canal.

13. Measure the Water—Land is measured carefully, but water, more valuable than land, is seldom measured. Great progress can be made by farmers by measuring and keeping an account of the water used on the land.

14. Farmers are advised to study these rules, for irrigation water in many cases is being used wastefully. The irrigated area may be greatly increased by the economical use of the same quantity of water now being used for irrigation.

Over Irrigation is a Menace Because

1. Smaller yields of crops are obtained for each unit of water used.
2. More plant food is taken up by the plant for each pound of crop.
3. The quality of the crops is greatly reduced.
4. Straw is produced at the expense of grain.
5. Plant food is washed out of the soil.
6. Lower-lying lands become water-logged.
7. Other dry lands are cheated of irrigation water.
8. The extension of the irrigated areas are hindered.
9. A wholesome community spirit is lowered wherever water is wastefully used.

AMUSEMENTS

Kiss Me Good Night

The famous comedy subject, "Kiss Me Good Night," that has scored the biggest hit of the year, has been secured by the Avenue for one day only, today, and should not be missed by lovers of real reel comedy. This is the comedy that the Lubin company of Philadelphia secured the capital prize with in the world-wide comedy contest. The leads are played by the famous Lottie Briscoe and Arthur Johnson, than whom there are none better in motion pictures. The action throughout the two thousand feet is of such rapid fire order that it defies description, yet is readily followed by the observer. The balance of the program is made up of a peach of a Western drama, "The Vengeance of the Vagabond," and an Edison offering entitled "Mother and Wife." You're a big loser if you overlook this one day bill.

The Lion

From a standpoint of excellence, the program at the Lion today stands out prominently. "Ashes of the Past," the two-reel Reliance feature, is an exceptional picture and well worth seeing. "The Story of the Olive" shows the olive from the tree to oil and at the same time has a beautiful Spanish love story intertwined and will please any audience. The closing number on the program is a Keystone comedy entitled "The Bowery Boys," and you'll laugh, laugh, laugh, for it is without a doubt one of the funniest films seen in some time. The Lion shows Mutual Movies, which are considered among the best films on the market.

The Airdome

The change underlined for the Airdome for tonight is certainly a great one. There is a big two-reel 101 Bison drama, "The Black Masks," a Frontier comedy drama taken in Albuquerque, "Slim Becomes an Editor," and a corking Powers dramatic treat entitled "The Fear," are also shown. All the above reels are far and away above the ordinary and are interest-compelling

throughout. For Sunday night will be shown a big feature two-reel Rex drama with Phillip Smalley and Lois Webber in the principal roles, "The Spider and Her Web," a Frontier Western drama, "The Eyes of the God of Friendship," and a rip-roaring comedy, "The Petition Detective." Four reels without an equal and the price remains unchanged. "Why pay more?" is the question that appeals to the patrons of the Airdome.

The Last Will

Under the title of "The Last Will" Manager Barnard is offering for his feature picture at the Lamara today, the Vitaphone sterling drama of that name in two reels. It is a picture that deals with the times of the "Grande Monarch" in France, and its portrayals are well known artists. Among them is Marguerite Gibson, the little beauty who recently won the basing suit contest at Venice by the sea. The other features of the program are "The Dogs of War" Pathe, a story of the ice country, and a Lubin comedy, "A Fawcettville Romance." The Sunday program offering is "The Crowning Glory," one of the exceptional Lubin society dramas of recent release. There is always something doing at the Lamara.

The Coliseum

At the Coliseum tonight there will be a great many changes in the program and with "The Adventures of Kathlyn" as the movie portion of the bill, the show will be one extremely hard to beat. Burke and Burke will offer an entirely new line of songs, and the favor with which the boys were received the fore part of the week can be taken as a token of success for their new offerings. The other two acts will also change, the banjoists rendering a new bunch of selections which are sure to win. "The Adventures of Kathlyn," which has shown at the different motion picture houses, has perhaps been more talked of than any other picture ever made, and this particular installment is said to outpace them all.

Columbia Matinee Today

The Saturday matinee at the Columbia appeals to a large number of ladies who cannot attend the evening performances, and still others who wish to take the Junior members of the household, and find this afternoon opportunity well suited to their desires.

The Columbia is at its best this week with an exceptionally pleasing list of acts, and with first-run pictures and Prof. Wade's orchestra, provide an afternoon of captivating diversion. Not a small feature of attractiveness of the Columbia offering is the matchless system of ventilation and cooling in operation at that theater, and those who desire to "cool off" without the danger of contracting a "cold," are not apt to forget their enjoyment of "ice cooled" air, which has given to the Columbia the enviable reputation of "The Coolest Spot in Phoenix."

Lucille Love

The fourth installment of "Lucille Love—The Girl of Mystery" will be shown for the last time at Riverside park tonight. It is easily the best picture of the series so far and the battle scene between the two native tribes is one of the most astounding pieces of photography ever seen in this part of the country.

The whole picture is sensationally interesting and discloses some wonderfully thrilling situations. It abounds in unusual incidents and is more than worth a trip to the park to see.

IN HIS BUSINESS

"They say he does business on a large scale."
"Yes, indeed; he weighs hay."—Buffalo Express.

AMBASSADOR QUILTS TO PLEASE HIS WIFE



Marchioness Cusani Confalonieri, the Italian ambassador to the United States, asked to be recalled because his wife tired of living in a house where electric lights were a daylight necessity.

Although the Italian embassy is situated on a triangle and has light from three sides, the architects so designed the windows that the minimum amount of sunlight found its way into the rooms. The Marchioness couldn't stand this and finally went home to Italy. She refused to return, and so her husband asked to be recalled.

MUST HAVE NEW STUFF FOR SKIT

Frank Minor Says Reading Incessantly is Necessary in Order to Keep Up Comedy Work Especially in War Scenes

Having read all the headlines in the various newspapers throughout the country and yet unconvinced that the Mexican situation had changed very materially, General Cruz a recent arrival at the Columbia from Vera Cruz was interviewed in regard to the matter.

"I do not consider the 'little affair' settled by any manner of means, I ex-



Frank Minor

pect to see the Mexican situation develop into something and if it does," said Frank Minor speculatively, "I'll get enough out of it for a big musical comedy show. Oh, no nothing like that of course I do not want to sacrifice lives for laughs but couldn't I put a few good ones across though," he added appreciatively, "For instance," "Work in a war. There's always

CANDIDATES ARE NOW COMING FORTH

Senator Mark Smith, Tax Commissioner Miller and H. Q. Robertson of Mesa File Nominating Petitions.

Nominating petitions and declarations of intention to participate in the coming primary elections continue to pour in at the office of Secretary of State Sidney P. Osborn in a steadily increasing stream. Three new petitions were filed yesterday, and there are more to follow in the near future.

Those filed yesterday were nominating petitions by Senator Mark Smith, who is out for the senatorship again, subject to the decision of the democratic primaries, and declarations of intention by P. J. Miller, who seeks re-nomination as member of the state tax commission and H. Q. Robertson of Mesa, who is out for the nomination for state superintendent of public instruction.

Robertson, who announced his intention of making the race for the state superintendency several weeks ago, was until yesterday one of the applicants for the position of superintendent of the state industrial school at Fort Grant, made vacant by the resignation of W. M. Whipple. Yesterday his application for the Fort Grant position was withdrawn, and formal notice of intention to seek the democratic nomination in opposition to Prof. C. O. Case, who will be in the race for re-nomination.

clean cut comedy in that but it is absolutely essential that one keeps up with the times. Read and read incessantly and bring in new features constantly. To be a success in this you have to be up to the minute. Old "stuff" can be worked over rather well but it requires new features to get across. Here I am a brave and bold general (?) I'm enlisting and find practically every man jack of them married. "How's this?" I question. "After you've married a few years war is a vacation, they answer." "Yes" politely, but the definition of a tango sandwich was much better. "What was that?" "A tango sandwich is some chicken with very little dressing and not too much mustard."

Mr. Minor is really an original comedian, one who does not believe in make up to win his way. He does not count on wigs and waistcoats for laughs and those who have been to the Columbia this week know that there are more than a million noisy smiles a minute to his act. He has made a serious study of audiences and while he admits that you

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"have to have people feed you your way" he has won out.
"I am master of the situation" he declared.
"Hypnotist or scientist?"
"A natural scientist" whatever that is.

AID IN APPRECIATION
Young Authors—May I not read my play to you?
Manager—Better not, Miss; just leave it; my reader'll see it.
Young Authors—Yes, but he won't see me!—Society.

SHE'S FREE FROM MEDICINE MAKER



Mrs. Pauline Metzger-Munyon.

James M. Munyon, the patent medicine man, has secured a divorce from Pauline Metzger-Munyon, the actress who deserted him three years ago. As Pauline Neff, Mrs. Munyon, who was married to a man named Metzger when she was sixteen, was later divorced that she might marry the patent medicine man. He says he will stay single from now on.



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